THE ITU-R HANDBOOK: THE SELECTION AND USE OF PRECISE FREQUENCY SYSTEMS

Richard 1.. Sydnor*
Jet Propulsion Laboratory
Pasadena, California

The ITU -R has authorized the creation of a handbook, "The Selection and Use of Precise Frequency Systems." This handbook is designed for use by the beginner in the field and for undeveloped countries who wish to establish a national laboratory or calibration laboratory. The lack of such a handbook is serious so the ITU has decided to generate one, The editor, Richard 1... Sydnor, and his assistant, Mr. 1 David Allan, have selected authors for the various chapters from experts in the field and have correlated the work and generated the various drafts for the final version

The chapters and their authors are:

Preface and Forward	11. G.Kimball,ITU
Glossary	CCIR and 180
Chapter1, Introduction and 1 3asic Concepts	{'laude A udoin,Laboratoire de 1'1 Iorloge Atomique, France
Chapter 2A, LocalFrequency and Time Sources	Andreas Bauch, Physikalishe-Technische Bundestalt, Germany
Chapter 21{, Steering References	Roger Beehler, National Institute of Standards and Technology, U. S.A.
Chapter 3, Characterization:Frequency Domain, Time Domain, Environment	Laurent-Guy Bernier, Observatoire de Neuchâtel, Switzerland
Chapter 4, Measurement Techniques (Metrology)	Fred Walls, National Institute of Standards and Technology, U.S.A.
Chapter 5, Characteristics of Various Frequency Standards	RichardSydnor, JetPropulsionLaboratory, U.S.A.
Chapter 6, Time Scales	Claudine Thomas, Bureau International des Poids et Mesur es, France
Chapter 7, Uses of Frequency Sources	Sigfrido Leschiutta, Polytechnica-Elletronica and Istituto Elletronico Nazionale G. Farrar, Italy Franco Cordara, Istituto Elletronico Nazionale G. Farrar, Italy Richard Sydnor, Jet Propulsion Laboratory, U.S.A.
Chapter 8, Operational Experience, Problems, Pitfalls	Michel Granveaud, Observatoire de Paris, France Richard Sydnor, Jet Propulsion Laboratory, U.S.A.
Chapter 9, Future Prospects	Leonard Cutler, 1 lewlett-Packard, U.S.A.
Chapter 10, Conclusions	Donald Sullivan, National Institute of Standards and Technology, U.S.A.

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